

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): An image processing device for selecting an image and transferring the selected image to an image output section that outputs the selected image according to image data generated by an image generating device and image generation record information associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated, the image processing device comprising:

an analyzer ~~for analyzing~~ configured to analyze both at least either one of the image data and the image generation record information associated with the image data to determine an image quality parameter relating to quality of an image represented by the image data; and

a selector ~~for performing~~ configured to perform, on the basis of the image quality parameter, an output target decision regarding whether to select the image data as an output target, wherein

the analyzer determines the image quality parameter using a weight distribution that is determined according to the image generation record information, wherein pixels of the image are weighted by the weight distribution.

Claim 2 (Currently Amended): An image processing device according to claim 1 wherein ~~the analyzer analyzes both the image data and~~ the weight distribution is determined based on subject location information which is included in the image generation record information ~~to determine the image quality parameter.~~

Claims 3 and 4 (Canceled).

Claim 5 (Original): An image processing device according to claim 1 wherein
the analyzer determines a first characteristic value of the quality characteristic parameter that indicates a characteristic relating to sharpness of the image, and
the selector performs the output target decision on the basis of the first characteristic value.

Claim 6 (Original): An image processing device according to claim 5 wherein the analyzer calculates edge amount at each pixel position in the image, and determines the first characteristic value using the edge amount.

Claim 7 (Original): An image processing device according to claim 5 wherein
the image generation record information includes subject location information for the image, and
the analyzer determines the first characteristic value using the subject location information.

Claim 8 (Original): An image processing device according to claim 1 wherein
the analyzer determines a ~~second~~ first characteristic value of the quality characteristic parameter that indicates a characteristic relating to brightness of the image, and
the selector performs the output target decision on the basis of the ~~second~~ first characteristic value.

Claim 9 (Currently Amended): An image processing device according to claim 8 wherein the ~~second~~ first characteristic value is related to a size of ~~that an~~ an area within ~~in~~ the image, ~~whose~~ with a brightness value is of the area being maximum value or minimum value within a possible range.

Claim 10 (Currently Amended): An image processing device according to claim 1 wherein
the analyzer determines a ~~third~~ first characteristic value of the quality characteristic parameter that indicates a characteristic relating to camera shake at the time of generation of the image data, and
the selector performs the output target decision on the basis of the ~~third~~ first characteristic value.

Claim 11 (Currently Amended): An image processing device according to claim 9 10 wherein

the image generation record information includes at least one of shutter speed information and exposure time information, and

the analyzer determines the ~~third~~ first characteristic value using the shutter speed information or the exposure time information.

Claim 12 (Currently Amended): An image processing device according to claim 9 11 wherein

the image generation record information further includes lens focal length information,

the analyzer determines the first characteristic value using the lens focal length information, and

the selector performs the output target decision on the basis of the ~~lens focal length information~~ first characteristic value.

Claim 13 (Currently Amended): An image processing device according to claim 1 wherein the selector allows ~~an~~ a user to modify the output target decision.

Claim 14 (Original): An image processing device according to claim 13 wherein the selector displays selected ones of the image quality parameter values for supporting the user to modify the output target decision.

Claim 15 (Original): An image processing device according to claim 13 wherein the selector highlights an image area having a predetermined characteristic by executing a predetermined process exclusively on the image area, for supporting the user to modify the output target decision.

Claim 16 (Currently Amended): An image output device for outputting an image according to image data generated by an image generating device and image generation record information associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated, the image output device comprises:

an analyzer ~~for analyzing~~ configured to analyze both at least either one of the image data and the image generation record information associated with the image data to determine an image quality parameter relating to quality of an image represented by the image data;

a selector ~~for performing~~ configured to perform, on the basis of the image quality parameter, an output target decision regarding whether to select the image data as an output target; and

an output section ~~for outputting~~ configured to output an image using the image data that has been selected as the output target by the selector, wherein

the analyzer determines the image quality parameter using a weight distribution that is determined according to the image generation record information, wherein pixels of the image are weighted by the weight distribution.

Claim 17 (Currently Amended): A method of selecting an image and transferring the selected image to an image output section that outputs the selected image according to image data generated by an image generating device and image generation record information associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated, the method comprising the steps of:

(a) analyzing ~~at least either one of~~ both the image data and the image generation record information associated with the image data to determine an image quality parameter relating to quality of an image represented by the image data; and

(b) performing, on the basis of the image quality parameter, an output target decision regarding whether to select the image data as an output target, wherein

the step (a) includes determining the image quality parameter using a weight distribution that is determined according to the image generation record information, wherein pixels of the image are weighted by the weight distribution.

Claim 18 (Currently Amended): A method according to claim 17 wherein ~~the step (a)~~ includes analyzing both the image data and the weight distribution is determined based on subject location information which is included in the image generation record information to ~~determine the image quality parameter.~~

Claims 19 and 20 (Canceled).

Claim 21 (Original): A method according to claim 17 wherein
the step (a) includes determining a first characteristic value of the quality characteristic parameter that indicates a characteristic relating to sharpness of the image, and
the step (b) includes performing the output target decision on the basis of the first characteristic value.

Claim 22 (Original): A method according to claim 21 wherein the step (a) includes calculating edge amount at each pixel position in the image, and determining the first characteristic value using the edge amount.

Claim 23 (Original): A method according to claim 21 wherein
the image generation record information includes subject location information for the image, and
the step (a) includes determining the first characteristic value using the subject location information.

Claim 24 (Currently Amended): A method according to claim 17 wherein
the step (a) includes determining a ~~second~~ first characteristic value of the quality characteristic parameter that indicates a characteristic relating to brightness of the image, and
the step (b) includes performing the output target decision on the basis of the ~~second~~ first characteristic value.

Claim 25 (Currently Amended): A method according to claim 24 wherein the ~~second~~ first characteristic value is related to a size of ~~that an~~ an area within ~~in~~ the image, ~~whose~~ with a brightness value ~~is~~ of the area being maximum value or minimum value within a possible range.

Claim 26 (Currently Amended): A method according to claim 17 wherein
the step (a) includes determining a ~~third~~ first characteristic value of the quality
characteristic parameter that indicates a characteristic relating to camera shake at the time of
generation of the image data, and
the step (b) includes performing the output target decision on the basis of the ~~third~~
first characteristic value.

Claim 27 (Currently Amended): A method according to claim 26 wherein
the image generation record information includes at least one of shutter speed
information and exposure time information, and
the step (a) includes determining the ~~third~~ first characteristic value using the shutter
speed information or the exposure time information.

Claim 28 (Currently Amended): A method according to claim 27 wherein
the image generation record information further includes lens focal length
information,
the step (a) determines the first characteristic value using the lens focal length
information, and
the step (b) includes performing the output target decision on the basis of the ~~lens~~
~~focal length information~~ first characteristic value.

Claim 29 (Currently Amended): A method according to claim 17 wherein
the step (b) includes allowing ~~an~~ a user to modify the output target decision.

Claim 30 (Original): A method according to claim 29 wherein
the step (b) includes displaying selected ones of the image quality parameter values
for supporting the user to modify the output target decision.

Claim 31 (Original): A method according to claim 29 wherein the step (b) includes
highlighting an image area having a predetermined characteristic by executing a
predetermined process exclusively on the image area, for supporting the user to modify the
output target decision.

Claim 32 (Currently Amended): A method of outputting an image according to image data generated by an image generating device and image generation record information associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated, the method comprising the steps of:

- (a) analyzing ~~at least either one of~~ both the image data and the image generation record information associated with the image data to determine an image quality parameter relating to quality of an image represented by the image data;
- (b) performing, on the basis of the image quality parameter, an output target decision regarding whether to select the image data as an output target; and
- (c) outputting an image using the image data that has been selected as the output target by the selector, wherein
the step (a) includes determining the image quality parameter using a weight distribution that is determined according to the image generation record information, wherein pixels of the image are weighted by the weight distribution.

Claim 33 (Currently Amended): A computer program product comprising:

- a computer-readable storage medium; and
- a computer program stored on the computer-readable storage medium, the computer program including;
 - a first program for causing a computer to analyze ~~at least either one of~~ both the image data and the image generation record information associated with the image data to determine an image quality parameter relating to quality of an image represented by the image data; and
 - a second program for causing the computer to perform, on the basis of the image quality parameter, an output target decision regarding whether to select the image data as an output target, wherein
the first program includes a program for causing a computer to determine the image quality parameter using a weight distribution that is determined according to the image generation record information, wherein pixels of the image are weighted by the weight distribution.

Claim 34 (New): An output device for outputting an image according to an image file including at least image data generated by an image generating device comprising:

- a judgment section configured to judge whether or not image generation record information is included in the image file, the image generation record information being associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated;

- a selector configured to perform an output target decision regarding whether to select the image data as an output target; and

- an output section configured to output an image using the image data that has been selected as the output target, wherein

- the selector selects the image data as the output target when the judgment section judges that the image generation record information is not included in the image file including the image data.

Claim 35 (New): An output device according to claim 34 further including:

- an analyzer configured to analyze at least either one of the image data and the image generation record information to determine a parameter relating to image quality of an image represented by the image data, wherein

- when the judgment section judges that the image generating record information is included in the image file including the image data:

- the analyzer determines the parameter; and

- the selector performs the output target decision on the basis of the parameter.

Claim 36 (New): A method of outputting an image according to an image file including at least image data generated by an image generating device, comprising the steps of:

(a) judging whether or not image generation record information is included in the image file, the image generation record information being associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated;

(b) performing an output target decision regarding whether to select the image data as an output target; and

(c) outputting an image using the image data that has been selected as the output target, wherein

the step (b) includes

selecting the image data as the output target when it is judged that the image generation record information is not included in the image file including the image data.

Claim 37 (New): A computer program product for outputting an image according to an image file including at least image data generated by an image generating device, comprising:

a computer-readable storage medium; and

a computer program stored on the computer-readable storage medium, the computer program including;

(a) a program for causing a computer to judge whether or not image generation record information is included in the image file, the image generation record information being associated with the image data, the image generation record information including at least operation information of the image generating device at the time that the image data is generated;

(b) a program for causing a computer to perform an output target decision regarding whether to select the image data as an output target; and

(c) a program for causing a computer to output an image using the image data that has been selected as the output target, wherein

the program (b) includes

a program for causing a computer to select the image data as the output target when it is judged that the image generation record information is not included in the image file including the image data.